

Region IV Special Pathogens Training Course

April 5, 2023 · Jackson Medical Mall - UMMC Clinics

EMS Biosafety Transport

COURSE DIRECTOR: ALEX ISAKOV, MD, MPH

COURSE COORDINATOR: WADE MILES, NRP



COURSE BENEFITS

- 8 hours of instruction
- Didactic and hands-on
- Ebola virus disease
- Middle Eastern Respiratory Syndrome
- Seasonal and Novel Influenza
- EMS Biosafety Transport Operations
- Ambulance preparation
- PPE Donning & Doffing
- Isopod
- Threat recognition and safety

COURSE LEARNING OBJECTIVES

- Distinguish among various high consequence infectious diseases (smallpox, MERS, Ebola Virus Disease, novel influenza) regarding their clinical characteristics and transmission mechanisms for the purpose of PPE selection and enhancing worker safety.
- Explain standard- and transmission-based infection control precautions.
- Describe environmental controls, work practices and safety equipment that will decrease the likelihood of inadvertent exposure to infectious bodily fluids.
- Describe waste management and post-mission health monitoring.
- Demonstrate donning and doffing of PPE under the direct supervision of faculty that have experience with transport and management of patients with high consequence infectious diseases.

REGISTER FOR THE COURSE

THE EMORY SCDU

The Serious Communicable Disease Unit (SCDU) at Emory has become a regional, national, and international resource on the strict protocols that are needed to safely care for patients with Ebola and other highly infectious diseases.



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EMS Biosafety Transport Agenda

TIME	TOPIC	PRESENTER
08:00-08:15 AM	Introduction to EMS Biosafety Transport	Alex Isakov, Wade Miles
08:15-08:30 AM	EMS Infection Control	Alex Isakov
08:30-9:45 AM	Pathogens of Concern (Identify, Isolate, and Inform) <ul style="list-style-type: none">· Pox Viruses - Smallpox and Monkeypox· Coronaviruses - SARS/MERS/COVID-19	Alex Isakov
09:45-10:00 AM	Break	
10:00-11:15 AM	Pathogens of Concern (Identify, Isolate, and Inform) <ul style="list-style-type: none">· Viral Hemorrhagic Fevers - EVD, Lassa Fever· Influenza Viruses - Novel and Seasonal Influenza	Alex Isakov
11:15-11:45 AM	EMS Operational Considerations	Wade Miles
11:45 AM - 12:00 PM	PPE Breach and Biohazard Spill	Alex Isakov, Wade Miles
12:00-1:00 PM	Lunch	
1:00-2:45 PM	Split Tracks	
	Track A: Donning of PPE/Spill cleanup/Breach assessment/Doffing of PPE	Wade Miles, Ben Mize
2:45-4:30 PM	Track B: Ambulance modification and Isopod familiarization (no PPE)	Alex Isakov
4:30-5:00 PM	Knowledge assessment/program evaluation/wrap-up	Alex Isakov, Wade Miles, Ben Mize



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